

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/673,438
Filing Date	9-30-2003
First Named Inventor	Rowley et al.
Art Unit	1651
Examiner Name	TBD
Attorney Docket Number	P-5645P1

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below):
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Becton, Dickinson and Company		
Signature			
Printed name	J. Timothy Meigs		
Date	7/12/05	Reg. No.	38,241

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	J. Timothy Meigs
Date	7/12/05

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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

App. No.:	10/673,438	Confirmation No.	2613
Applicant(s):	Rowley et al.		
Filed:	September 30, 2003		
Title:	PROGRAMMABLE SCAFFOLD AND METHODS FOR MAKING AND USING THE SAME		
Art Unit:	1651		
Examiner:	TBD		
Docket No.:	P-5645P1		

**Mail Stop: Amendment**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 and 1.98, Applicants submit this Supplementary Information Disclosure Statement to bring to the attention of the Examiner, for consideration in connection with the above-referenced patent application, certain documents cited in International Patent Application No. PCT/US2004/027865, which is a foreign counterpart of the above-referenced patent application.

Applicants respectfully request that this Supplementary Information Disclosure Statement be entered and the references listed on the attached form PTO/SB/08A be considered by the Examiner and made of record. Copies of the listed references are included. Pursuant to the provisions of MPEP § 609, Applicants request that a copy of the PTO/SB/08A form be initialed as being considered by the Examiner and returned to Applicants with the next official communication.

Applicants respectfully submit that the International Search Report in International Patent Application No. PCT/US2004/027865 (included herewith) satisfies the requirement to provide a concise explanation of the relevance of the non-English

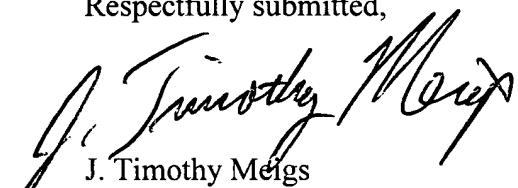
language document (FR 2 809 313 A1) cited in that International Search Report. See e.g., MPEP § 609(III)(A)(3) and 37 C.F.R. § 1.98(a)(3)(i). This submission should not be construed as an admission that the references cited herein are relevant or material to patentability or constitute “prior art” to the subject patent application.

This Supplemental Information Disclosure Statement is being submitted under 37 C.F.R. § 1.97(b) before the mailing of a first Office Action on the merits. Accordingly, no fees are believed to be due. However, if any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 02-1666.

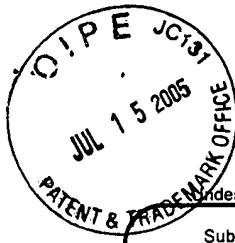
Any questions concerning this application or submission may be directed to Applicants' undersigned attorney at the below-listed telephone number.

July 12, 2005

Respectfully submitted,



J. Timothy Meigs  
Attorney for Applicant(s)  
Reg. No. 38,241  
(919) 597-6276



PTO/SB/08A (07-05)

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**Substitute for form 1449/PTC**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1

of 2

**Complete if Known**

Application Number	10/673,438
Filing Date	9-30-2003
First Named Inventor	Rowley et al.
Art Unit	1651
Examiner Name	TBD
Attorney Docket Number	P-5645P1

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 2004/031371 A2	04-15-2004	Becton, Dickinson and Co.		
		FR 2 809 313 A1	05-25-2001	Coletica Societe anonyme		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/673,438
				Filing Date	9-30-2003
				First Named Inventor	Rowley et al.
				Art Unit	1651
				Examiner Name	TBD
Sheet 2	of 2	Attorney Docket Number	P-5645P1		

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		KOWALCZYNsKA, Adsorption characteristics of human plasma fibronectin in relationship to cell adhesion, Journal of Biomedical Materials Res. 61, no. 2, 2002, pp. 260-269		T <sup>2</sup>
		CHEN, Hybrid Biomaterials for Tissue Engineering: A Preparative Method for PLA or PLGA- Collagen Hybrid Sponges, Advanced Materials, 12, no. 6, 2000, pp. 455-457		
		WOO, Enhance. of Fibronectin- and Vitronectin-Adsorption to Polymer/Hydroxyapatite Scaffolds Suppresses the Apoptosis of Osteoblasts, J. of Bone and Min. Res., 17, 1, 2002,		
		NOISET, Fibronectin Adsorption or/and Covalent Grafting on Chemically Modified Peek Film Surfaces, J. Biomater. Sci. Polymer Edn., 10, no. 6, pp. 657-677, 1999		
		CIVERCHIA-PEREZ, Use of Collagen Hydroxyethylmethacrylate Hydrogels for Cell Growth, Prac. Natl. Acad. Sci. USA, 77, no. 4, 1980, pp. 2064-68		
		LEE, Preparation and Characteristics of Hybrid Scaffolds composed of beta-chitin and Collagen, Biomaterials 25, no. 12, 2004, pp. 2309-2317		
		CARBONETTO, Nerve Fiber Growth on Defined Hydro Gel Substrates, Science 216, no. 4548, 1982, pp. 897-899		
		International Search Report, PC/US2004/027865, Mailed April 4, 2005.		

Examiner Signature	Date Considered
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
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